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PTO/SB/21 (08-00) Approved for use through 10/31/2002. OMB 0651-0031

Date July 9, 2002

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 08/897,390 Application Number July 21, 1997 Filing Date **TRANSMITTAL** First Named Inventor LA VAIL, MATTHEW **FORM** Group Art Unit 1647 (to be used for all correspondence after initial filing) **Examiner Name** HAYES, ROBERT CLINTON Attorney Docket Number UCAL-250CON4 30 + 9 Exhibits +5 References Total Number of Pages in This Submission ENCLOSURES (check all that apply) X Fee Transmittal Form After Allowance Communication Assignment Papers to Group (for an Application) Fee Attached Drawing(s) X Amendment / Reply \boxtimes Other Enclosure(s) (please Licensing-related Papers identify below): After Final Exhibits 1-9 Petition Request to Correct Filing 2) Affidavits/declaration(s) Receipt (2 pgs.) Marked-Up Copy of Filing Petition to Convert to a Extension of Time Request Receipt (1 pg.) Provisional Application Copy of First Page of Express Abandonment Request Power of Attorney, Revocation Specification as filed on July Change of Correspondence 21, 1997 (1 pg.) Information Disclosure Statement Address Copy of Declaration as filed X Terminal Disclaimer on March 13, 1998 (4 pgs.) Certified Copy of Priority PTO/SB/08A (3 pgs.) **Documents** 5 Cited References (1 on 7) Request for Refund CD) Response to Missing Parts/ Return Postcard 8) Incomplete Application CD, Number of CD(s) Response to Missing Parts Remarks under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm PAULA A. BORDEN (REG. NO. 42,344) Individual Name Signature Date July 9, 2002 CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: July 9, 2002

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/17 (10-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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CEE TO A NOMITTAL		Complete if Known						
FEE TRANSMITTAL	ſ	Application Number 08/897,390						
for FY 2002		Filing Date			July 27, 1997			
W 4 5 000 STOLE T ZUUZ	ı			Invento				
1 5 2002 Patent fees are subject to annual revision.	ŀ	Examir			HAYES, ROBERT CLINTON			
and the subject to annual revision.	ł							
***************************************			Group Art Unit 1647					
COTAMON UNT OF PAYMENT (\$) 828.00		Attorney Docket No. UCAL-250CON4						
METHOD OF PAYMENT				FE	E CALCULATION (continued)			
The Commissioner is hereby authorized to charge indicated fees and credit overpayments to: Deposit Account Number 50-0815 Deposit Account Name Bozicevic, Field & Francis LLP Charge Any Additional Fee Required	3. Fee Cod			FEES Small Entity Fee (\$)	Fee Description	Fee Paid		
Under 37 CFR 1.1 6 and 1.17	105	130	205	65	Surcharge - late filing fee or oath			
☐ Applicant Claims small entity status. See 37 CFR 1.27	127	50	227	25	Surcharge – late provisional filing fee or cover sheet			
2. Payment Enclosed:	139	130	139	130	Non-English specification			
☐ Check ☐ Credit Card ☐ Money Order ☐ Other	147		147		For filing a request for ex parte reexamination			
FEE CALCULATION	112	920*	112	920*	Requesting publication of SIR prior to Examination action			
2. BASIC FILING FEE Large Entity Small Entity	113	1,840	113	1,840	*Requesting publication of SIR after Examiner action			
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	115	110	215	55	Extension for reply within first month			
101 740 201 370 Utility filing fee	116	400	216	200	Extension for reply within second month	400.00		
106 330 206 165 Design filing fee	117	920	217	460	Extension for reply within third month			
107 510 207 255 Plant filing fee	118	1,440	218	720	Extension for reply within fourth month			
108 740 208 370 Reissue filing fee	128	1,960	228	980	Extension for reply within fifth month			
114 160 214 80 Provisional filing fee	119	320	219	160	Notice of Appeal			
SUBTOTAL (1) 0.00	120 121		220	160	Filing a brief in support of an appeal			
1. EXTRA CLAIM FEES			221	140	Request for oral hearing			
Fee from	138		138		Petition to institute a public use proceeding			
Extra Claims below Fee Paid	140		240	55	Petition to revive – unavoidable			
Total Claims 41 -38** = 3 x 18 = 54.00 Indep. Claims 6-5** = 1 x 84 = 84.00	141 142			640 640	Petition to revive – unintentional Utility issue fee (or reissue)			
Multiple Dependent =			242	230	Design issue fee			
	143		244	310	Plant issue fee			
	122		122	130	Petitions to the Commissioner			
Large Entity Small Entity Fee Fee Fee Fee Fee Description	123		123	50	Processing fee under 37 CFR 1.17(q)			
Code (\$) Code (\$)	126		126	180	Submission of Information Disclosure Stmt	180.00		
103 18 203 9 Claims in excess of 20 102 84 202 42 Independent claims in excess of 3	581	40	581	40	Recording each patent assignment per property (times number of properties)			
102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claim, if not paid	146	740	246	370				
109 84 209 42 ** Reissue independent claims		740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))			
over original patent		740	279	370	Request for Continued Examination (RCE)			
110 18 210 9 ** Reissue claims in excess of 20 and over original patent			169	900	Request for expedited examination of a design application			
SUBTOTAL (2) \$ 138.00	Oth	ner fee (sp	ecify)_	Ferminal I	Disclaimer	110.00		
**or number previously paid, if greater; For Reissues, see above.	*Re	educed by	Basic I	Filing Fee	Paid SUBTOTAL (3) (\$) 690.00		

SUBMITTED BY					Comp	Complete (if applicable)			
Name (Print/Type)	Paula A. Borden	\sim	7	Registration No. (Attorney/Agent)	42,344	Telephone	(650) 327-3400		
Signature	()au		6			Date	07/09/2002		

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Atty Dkt. No. UCAL-250CON4

USSN: 08/897,390

CERTIFICATE OF MAILING (*) I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Office of Initial Patent Examination, Commissioner for Patents, Washington, D.C. 20231. Typed or Printed Name Cindy Kim Hoang Date Signature July 9, 2002 **REQUEST FOR** Attorney Docket UCAL-250CON4 **CORRECTED FILING Applicant** LAVAIL, MATTHEW M. RECEIPT Serial Number 08/897,390 Filing Date July 27, 1997 Address to: Group Art Unit 1647 Commissioner for Patents **Examiner Name** HAYES, ROBERT CLINTON Washington, D.C. 20231 "PREVENTION OF RETINAL INJURY AND Title:

JUL 1 5 2002

Sir:

A filing receipt for the above-identified patent application has been issued by the U.S. Patent and Trademark Office (copy attached) and has been found to contain the following error(s):

> Please correct the Applicants as indicated on the application and declaration to add **(1)** --Roy H. Steinberg and George D. Yancopoulos--

DEGENERATION BY SPECIFIC FACTORS"

(2) Please also add the priority information to read 4-This application claims benefit from USSN 08/334,859 filed November 4, 1994 and issued as U.S. Patent No. 5,667,968, which is a continuation of USSN 07/836,090 filed February 14, 1992, which is a continuation-in-part of USSN 07/691,612 filed April 25, 1991, which is a continuation-in-part of USSN 07/570,657 filed August 20, 1990 and issued as U.S.Patent No. 5,229,500, which is a continuation-in-part of USSN 07/400,591 filed on August 30, 1989 and issued as U.S. Patent No. 5,180,820\(\frac{1}{2}\).

Atty Dkt. No. UCAL-250CON4 USSN: 08/897,390

If for any reason a fee is found to be necessary, the Commissioner is authorized to charge such fee to Deposit Account No. 50-0815.

Respectfully submitted, BOZICEVIC, FIELD & FRANCIS LLP

Date: ______July 9, 2002

By: Paula A. Borden

Registration No. 42,344

BOZICEVIC, FIELD & FRANCIS LLP 200 Middlefield Road, Suite 200 Menlo Park, CA 94025

Telephone: (650) 327-3400 Facsimile: (650) 327-3231

PTO-103X (Rev. 8-95) FILING RECEIPT JUL 1 5 2002



UNITED STATES ARTMENT OF COMMERCE Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

APPLICATION NOWHER FILING BAT	E GRP ART UNIT	FIL FEE REC'D AT	TTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
08/897,390 07/21/9		\$1,326.00		6	38	3

GAIL M KEMPLER
REGENERON PHARMACEUTICALS INC
777 OLD SAW MILL RIVER ROAD
TARRYTOWN NY 10591

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Application Processing Division's Customer Correction Branch within 10 days of receipt. Please provide a copy of the Filing Receipt with the changes noted thereon.

Applicant(s)

MATTHEW LA VAIL; San Francisw, CA; Roy H. Steinberg, San Francisco, CA; and George D. Yancopoulos, Yorkhown Heights, NY --

FOREIGN FILING LICENSE GRANTED 12/12/97

PREVENTION OF RETINAL INJURY AND DEGENERATION BY SPECIFIC FACTORS

PRELIMINARY CLASS: 514

- This application claims benefit from USEN 08/334,859
filed November 4,1994 and issued as U.S. Patent No. 5,667,968
which is a continuation of USEN 07/836,090 filed February
14,1992 which is a continuation-in-part of USEN 07/570,657
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m August 30,1989 and issued as U.S. Patent No. 5,180,820,--